

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019954.D
 Acq On : 21 Oct 2024 10:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 21 23:28:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben
 Patel
 10/22/2024
 Supervised By :Mahesh
 Dadoda
 10/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	245169	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	424846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	363426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	175946	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150966	50.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.020%	
35) Dibromofluoromethane	7.634	113	149352	53.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.540%	
50) Toluene-d8	10.103	98	547588	52.892	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.402	95	196199	52.448	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.900%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	104993	46.003	ug/l	99
3) Chloromethane	2.074	50	151267	50.923	ug/l	99
4) Vinyl Chloride	2.208	62	177024	54.155	ug/l	94
5) Bromomethane	2.599	94	110218	53.270	ug/l	97
6) Chloroethane	2.739	64	121893	55.507	ug/l	100
7) Trichlorofluoromethane	3.062	101	259204	53.290	ug/l	95
8) Diethyl Ether	3.458	74	72691	49.173	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.818	101	156003	55.140	ug/l	91
10) Methyl Iodide	4.007	142	140400	49.067	ug/l	90
11) Tert butyl alcohol	4.872	59	48258	193.341	ug/l #	76
12) 1,1-Dichloroethene	3.793	96	134018	50.954	ug/l #	80
13) Acrolein	3.653	56	35466	159.888	ug/l	98
14) Allyl chloride	4.385	41	256469	54.043	ug/l #	90
15) Acrylonitrile	5.061	53	179502	265.477	ug/l	98
16) Acetone	3.873	43	210713	268.141	ug/l #	84
17) Carbon Disulfide	4.110	76	311626	44.203	ug/l	99
18) Methyl Acetate	4.391	43	87901	51.926	ug/l #	87
19) Methyl tert-butyl Ether	5.116	73	391010	51.746	ug/l	96
20) Methylene Chloride	4.616	84	153716	52.988	ug/l #	84
21) trans-1,2-Dichloroethene	5.116	96	151356	52.873	ug/l	88
22) Diisopropyl ether	6.019	45	591649	57.237	ug/l #	89
23) Vinyl Acetate	5.964	43	1588863	268.121	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	323323	56.269	ug/l	94
25) 2-Butanone	6.896	43	272647	259.205	ug/l #	84
26) 2,2-Dichloropropane	6.884	77	280690	54.852	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	188992	53.424	ug/l	82
28) Bromochloromethane	7.250	49	148535	58.730	ug/l #	72
29) Tetrahydrofuran	7.262	42	149864	249.529	ug/l #	82
30) Chloroform	7.421	83	334087	57.037	ug/l	98
31) Cyclohexane	7.707	56	252913	50.141	ug/l	88
32) 1,1,1-Trichloroethane	7.616	97	287166	55.942	ug/l	94
36) 1,1-Dichloropropene	7.835	75	224503	55.584	ug/l	93
37) Ethyl Acetate	6.982	43	106828	50.724	ug/l	94
38) Carbon Tetrachloride	7.823	117	242877	56.093	ug/l	96
39) Methylcyclohexane	9.110	83	270403	53.134	ug/l #	86
40) Benzene	8.079	78	673065	55.063	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.226	41	64239	56.357	ug/l	#	83
42) 1,2-Dichloroethane	8.158	62	191523	54.538	ug/l		95
43) Isopropyl Acetate	8.195	43	221092	51.475	ug/l	#	89
44) Trichloroethene	8.866	130	158688	53.601	ug/l		90
45) 1,2-Dichloropropane	9.140	63	175019	57.205	ug/l		96
46) Dibromomethane	9.231	93	88192	52.760	ug/l		89
47) Bromodichloromethane	9.427	83	252352	56.876	ug/l		98
48) Methyl methacrylate	9.219	41	100882	53.396	ug/l	#	81
49) 1,4-Dioxane	9.225	88	19175	1024.920	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.000	43	584915	266.988	ug/l		88
52) Toluene	10.170	92	433627	56.832	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	215733	54.040	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	259150	55.015	ug/l	#	87
55) 1,1,2-Trichloroethane	10.573	97	118450	53.784	ug/l		98
56) Ethyl methacrylate	10.439	69	167414	52.977	ug/l	#	72
57) 1,3-Dichloropropane	10.713	76	209861	54.262	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	397935	270.497	ug/l		93
59) 2-Hexanone	10.762	43	423460	270.628	ug/l		86
60) Dibromochloromethane	10.908	129	151408	53.563	ug/l		97
61) 1,2-Dibromoethane	11.018	107	102647	51.578	ug/l		99
64) Tetrachloroethene	10.646	164	133207	51.531	ug/l		94
65) Chlorobenzene	11.438	112	457291	55.013	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.518	131	157647	56.055	ug/l		100
67) Ethyl Benzene	11.518	91	864129	57.228	ug/l		99
68) m/p-Xylenes	11.627	106	636570	114.148	ug/l		91
69) o-Xylene	11.950	106	305155	56.952	ug/l		92
70) Styrene	11.969	104	515861	57.065	ug/l		95
71) Bromoform	12.133	173	80555	53.505	ug/l	#	98
73) Isopropylbenzene	12.255	105	850419	57.463	ug/l		98
74) N-amyl acetate	12.072	43	211248	53.894	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	145086	55.173	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	97306m	28.231	ug/l		
77) Bromobenzene	12.530	156	167671	53.390	ug/l		85
78) n-propylbenzene	12.597	91	1048954	58.658	ug/l		96
79) 2-Chlorotoluene	12.676	91	576621	56.245	ug/l		94
80) 1,3,5-Trimethylbenzene	12.737	105	677117	56.654	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.304	75	45588	53.386	ug/l	#	85
82) 4-Chlorotoluene	12.774	91	593649	56.632	ug/l		94
83) tert-Butylbenzene	12.993	119	629174	58.763	ug/l		95
84) 1,2,4-Trimethylbenzene	13.042	105	675641	57.018	ug/l		96
85) sec-Butylbenzene	13.176	105	955030	59.700	ug/l		97
86) p-Isopropyltoluene	13.292	119	756657	58.249	ug/l		96
87) 1,3-Dichlorobenzene	13.286	146	344116	54.259	ug/l		97
88) 1,4-Dichlorobenzene	13.365	146	335842	53.903	ug/l		97
89) n-Butylbenzene	13.615	91	763206	60.170	ug/l		99
90) Hexachloroethane	13.877	117	151462	59.880	ug/l		83
91) 1,2-Dichlorobenzene	13.657	146	302208	54.231	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	21135	50.360	ug/l		73
93) 1,2,4-Trichlorobenzene	14.919	180	166595	53.315	ug/l		98
94) Hexachlorobutadiene	15.023	225	97059	55.870	ug/l		99
95) Naphthalene	15.145	128	302580	51.342	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	138484	52.428	ug/l		98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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